

Area	SqFt	Acres
As-1	9797.28	0.22
As-2	3557.01	0.08
As-3	29683.48	0.68
As-4	1495.11	0.03



- Structure

 - Existing
 - Demolished/Partially Demolished
 - UST
 - Former Soil Mound
- Study Area

 - Footprint of Remedial Action
 - Parcel (Newark, Oct 2017)
- RI Soil Boring
 - Historical Sample
 - Result Not Detected
 - Detection Below ARAR/PRG
 - Detection Exceeds ARAR/PRG

Sources:
2020 "ArcGIS Map Service, Bing Aerial Photography"
2020 "PPG/Woodard & Curran Riverside Industrial Park RI Report"
2017 "City of Newark Parcel GIS", <http://data.ci.newark.nj.us>

Notes:
1. Field Duplicate and Parent Sample Concentrations were averaged.
2. Following the soil mound removal on lot 68, surface samples at locations B-59 and B-60 were not included in this evaluation.

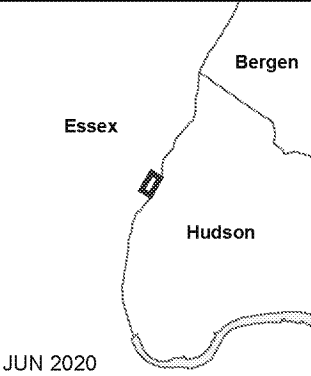
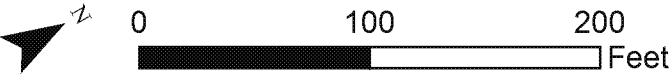
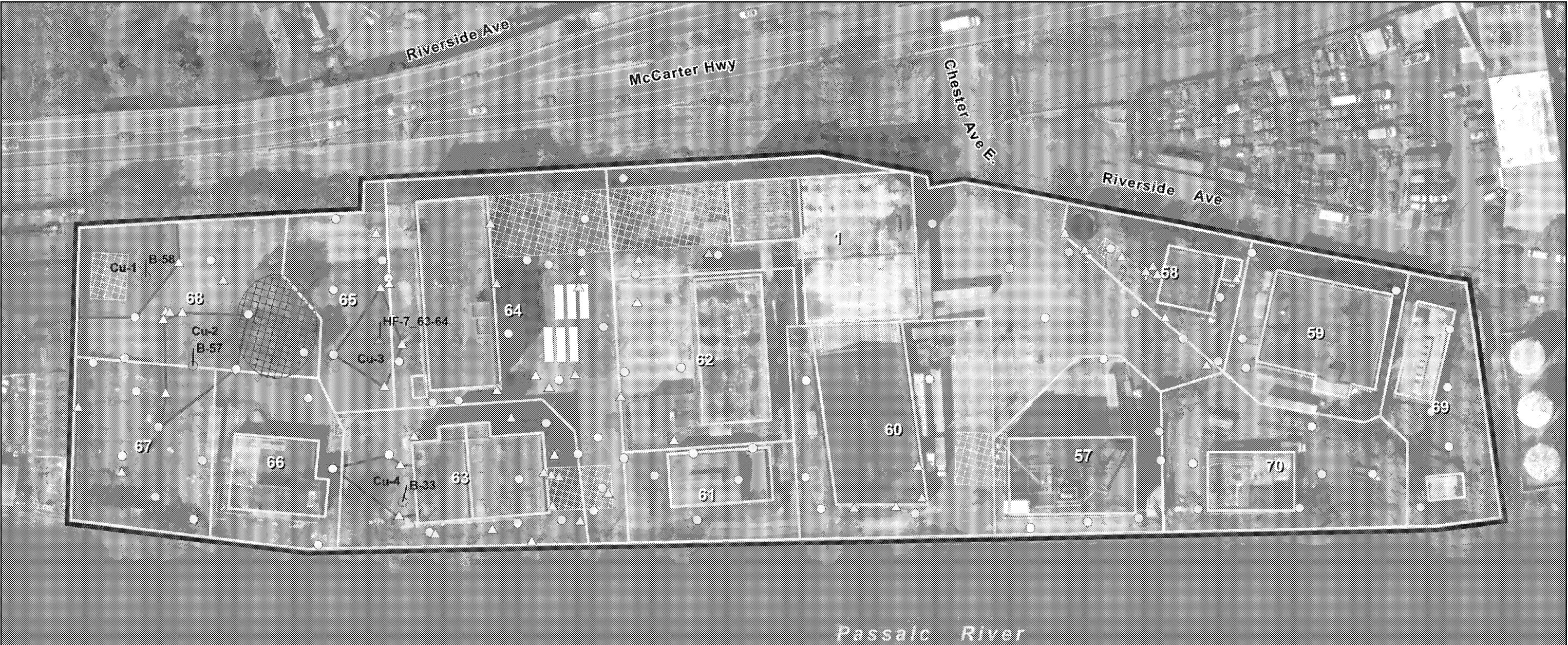


Figure A-1
Site-Wide Soil Sampling Results for
Soil Alternatives: Arsenic
Riverside Industrial Park Superfund Site
Essex County, New Jersey



Louis Berger





Area	SqFt	Acres
Cu-1	5,743.13	0.13
Cu-2	4,433.10	0.10
Cu-3	2,438.08	0.06
Cu-4	2,091.23	0.05



- Structure

 - Existing
 - Demolished/Partially Demolished
 - UST
 - Former Soil Mound
- Study Area

 - Parcel (Newark, Oct 2017)
 - Footprint of Remedial Action
- RI Soil Boring
 - Historical Sample
 - Result Not Detected
 - Detection Below ARAR/PRG
 - Detection Exceeds ARAR/PRG

Sources:
2020 "ArcGIS Map Service, Bing Aerial Photography"
2020 "PPG/Woodard & Curran Riverside Industrial Park RI Report"
2017 "City of Newark Parcel GIS", <http://data.ci.newark.nj.us>

Notes:
1. Field Duplicate and Parent Sample Concentrations were averaged.
2. Following the soil mound removal on lot 68, surface samples at locations B-59 and B-60 were not included in this evaluation.

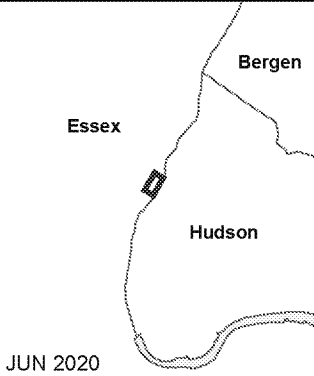
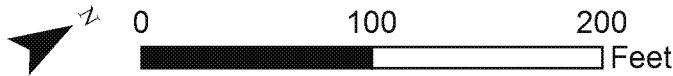
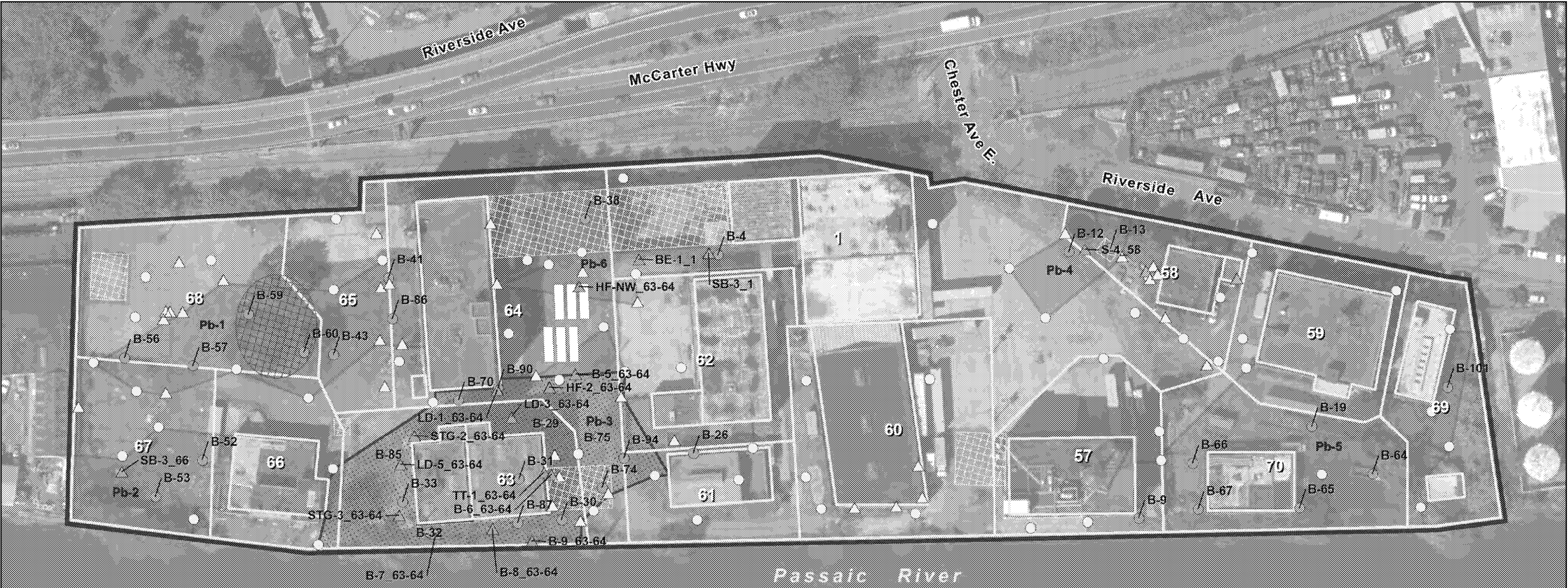


Figure A-2
Site-Wide Soil Sampling Results for
Soil Alternatives: Copper
Riverside Industrial Park Superfund Site
Essex County, New Jersey



Louis Berger





Area	SqFt	Acres
Pb-1	18,516.69	0.43
Pb-2	9,187.38	0.21
Pb-3	26,921.45	0.62
Pb-4	4,740.73	0.11
Pb-5	26,631.58	0.61
Pb-6	9,187.91	0.21

bing

- Structure

 - Existing
 - Demolished/Partially Demolished
 - UST
 - Former Soil Mound
- Study Area

 - Parcel (Newark, Oct 2017)
 - Footprint of Remedial Action
 - Footprint of Soil Alternative 4 for Lead Removal
- RI Soil Boring
 - Historical Sample
 - Result Not Detected
 - Detection Below ARAR/PRG
 - Detection Exceeds ARAR/PRG

Sources:
2020 "ArcGIS Map Service, Bing Aerial Photography"
2020 "PPG/Woodard & Curran Riverside Industrial Park RI Report"
2017 "City of Newark Parcel GIS", <http://data.ci.newark.nj.us>

Notes:
1. Field Duplicate and Parent Sample Concentrations were averaged.
2. Following the soil mound removal on lot 68, surface samples at locations B-59 and B-60 were not included in this evaluation.

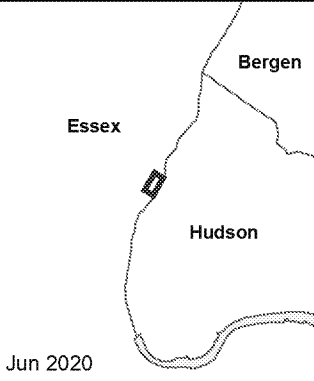





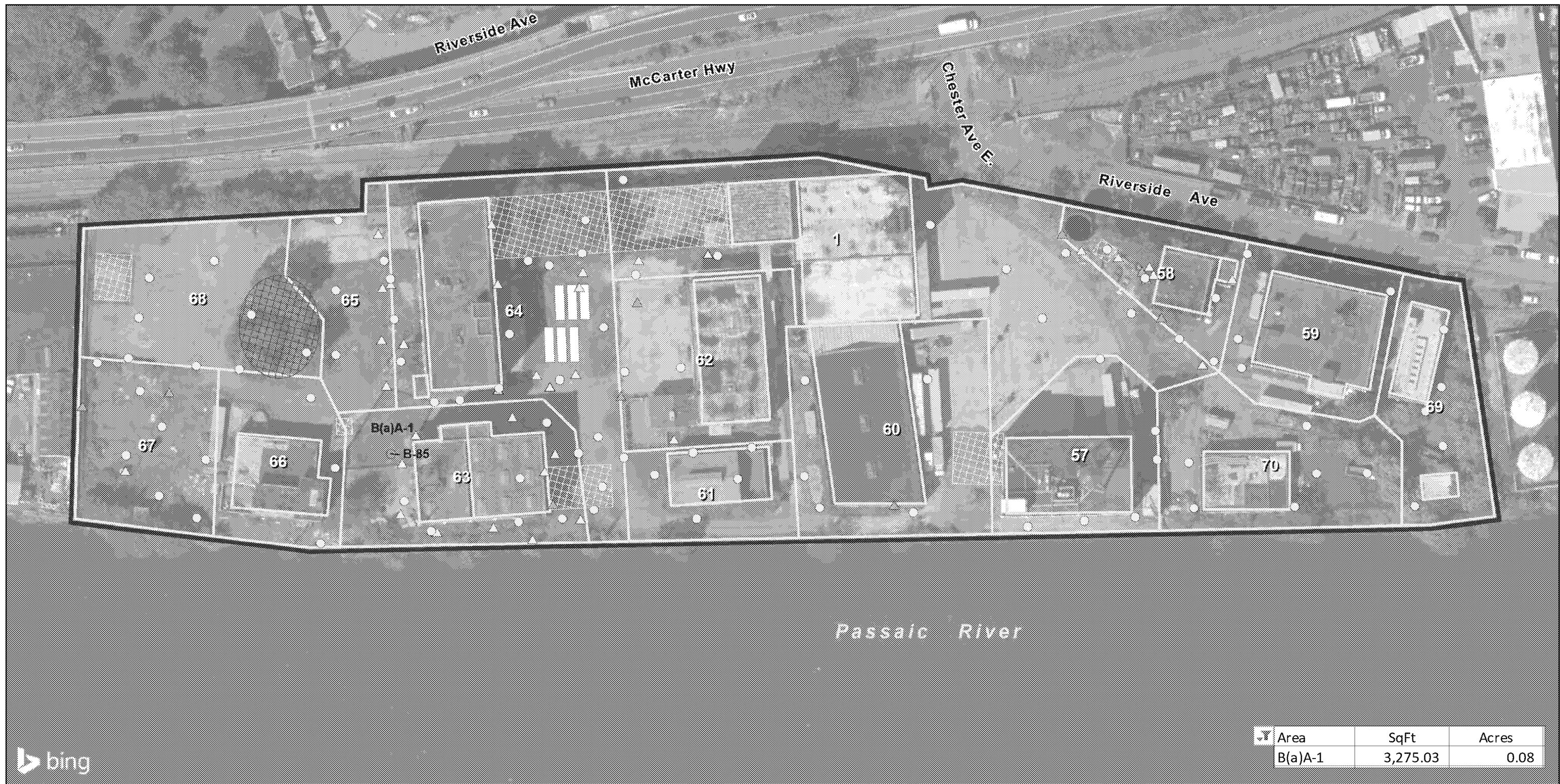
Figure A-3
Site-Wide Soil Sampling Results for
Soil Alternatives: Lead
Riverside Industrial Park Superfund Site
Essex County, New Jersey



Louis Berger



0 100 200 Feet



- Structure**
- Existing
 - Demolished/Partially Demolished
 - UST
 - Former Soil Mound
- Study Area**
- Parcel (Newark, Oct 2017)
 - Footprint of Remedial Action
- RI Soil Boring**
- Historical Sample
 - Non-Detect
 - Detection Below ARAR/PRG
 - Detection Exceeds ARAR/PRG

Sources:
2020 "ArcGIS Map Service, Bing Aerial Photography"
2020 "PPG/Woodard & Curran Riverside Industrial Park RI Report"
2017 "City of Newark Parcel GIS",
<http://data.ci.newark.nj.us>

Notes:
1. Field Duplicate and Parent Sample Concentrations were averaged.
2. Following the soil mound removal on lot 68, surface samples at locations B-59 and B-60 were not included in this evaluation.

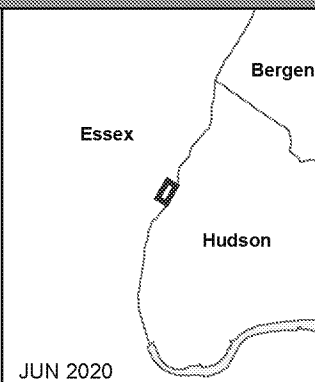


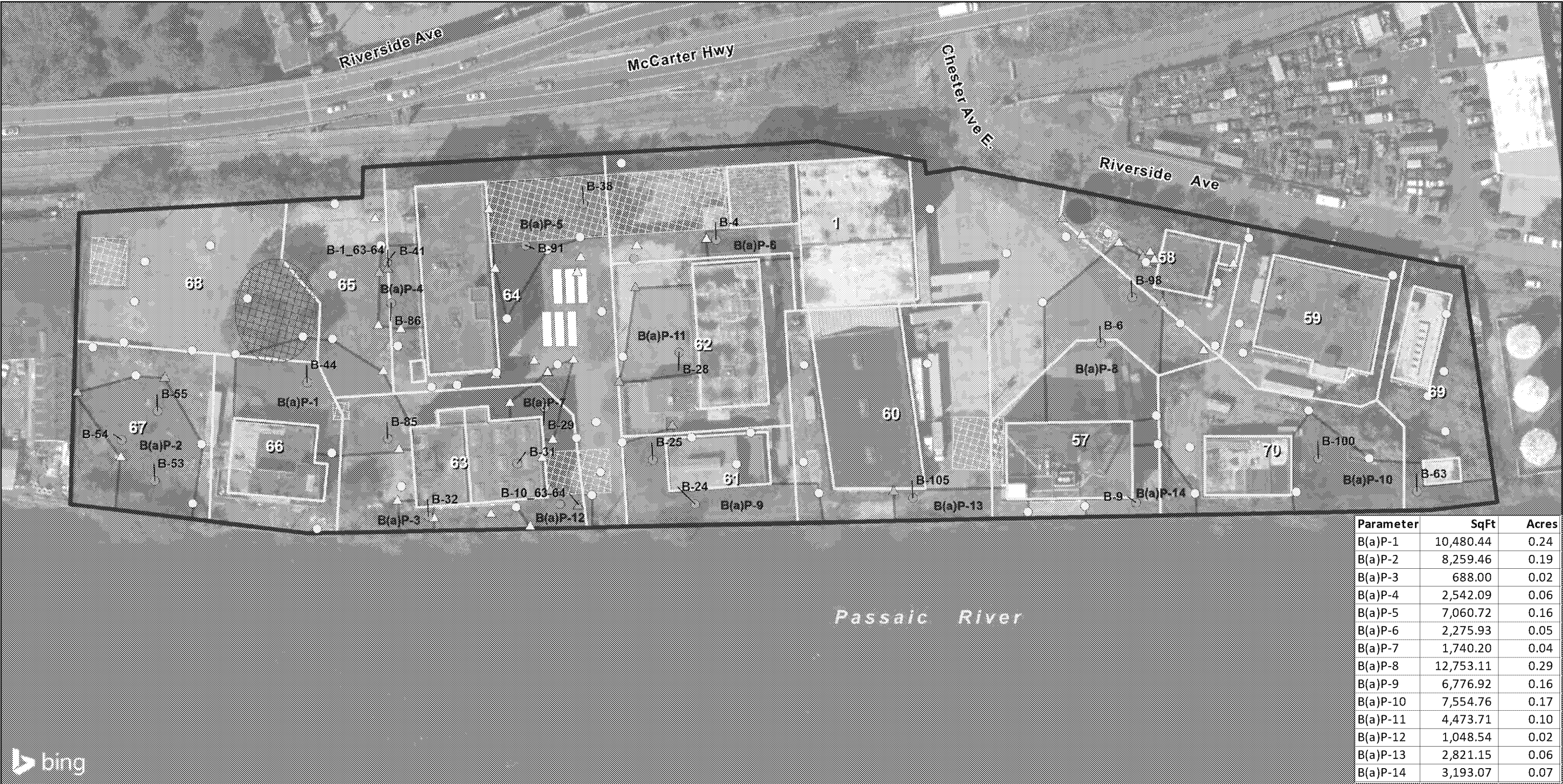


Figure A-4
Site-Wide Sample Results for
Soil Alternatives: Benzo(a)anthracene
Riverside Industrial Park Superfund Site
Essex County, New Jersey

  **Louis Berger**

0 100 200 Feet



Parameter	SqFt	Acres
B(a)P-1	10,480.44	0.24
B(a)P-2	8,259.46	0.19
B(a)P-3	688.00	0.02
B(a)P-4	2,542.09	0.06
B(a)P-5	7,060.72	0.16
B(a)P-6	2,275.93	0.05
B(a)P-7	1,740.20	0.04
B(a)P-8	12,753.11	0.29
B(a)P-9	6,776.92	0.16
B(a)P-10	7,554.76	0.17
B(a)P-11	4,473.71	0.10
B(a)P-12	1,048.54	0.02
B(a)P-13	2,821.15	0.06
B(a)P-14	3,193.07	0.07

- Structure

Existing

Demolished/Partially Demolished

UST

Former Soil Mound
- Study Area

Parcel (Newark, Oct 2017)

Footprint of Remedial Action
- RI Soil Boring

Historical Sample

Non-Detect

Detection Below ARAR/PRG

Detection Exceeds ARAR/PRG

Sources:
2020 "ArcGIS Map Service, Bing Aerial Photography"
2020 "PPG/Woodard & Curran Riverside Industrial Park RI Report"
2017 "City of Newark Parcel GIS", <http://data.ci.newark.nj.us>

Notes:
1. Field Duplicate and Parent Sample Concentrations were averaged.
2. Following the soil mound removal on lot 68, surface samples at locations B-59 and B-60 were not included in this evaluation.

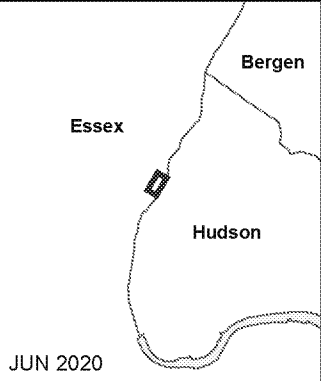




Figure A-5

Site-Wide Soil Sampling Results for


Soil Alternatives: Benzo(a)pyrene

Riverside Industrial Park Superfund Site

Essex County, New Jersey



Louis Berger



0100200

Feet



- Structure**

 - Existing
 - Demolished/Partially Demolished
 - UST
 - Former Soil Mound
- Study**

 - Parcel (Newark, Oct 2017)
 - Footprint of Remedial Action
- RI Soil Boring
 - Historical Sample
 - Result Not Detected
 - Detection Below ARAR/PRG
 - Detection Exceeds ARAR/PRG

Sources:
2020 "ArcGIS Map Service, Bing Aerial Photography"
2020 "PPG/Woodard & Curran Riverside Industrial Park RI Report"
2017 "City of Newark Parcel GIS", <http://data.ci.newark.nj.us>

Notes:
1. Field Duplicate and Parent Sample Concentrations were averaged.
2. Following the soil mound removal on lot 68, surface samples at locations B-59 and B-60 were not included in this evaluation.

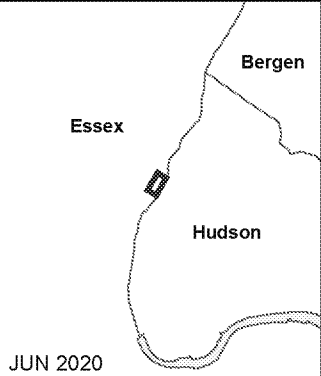
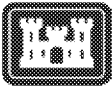
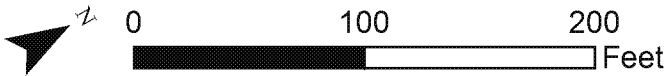
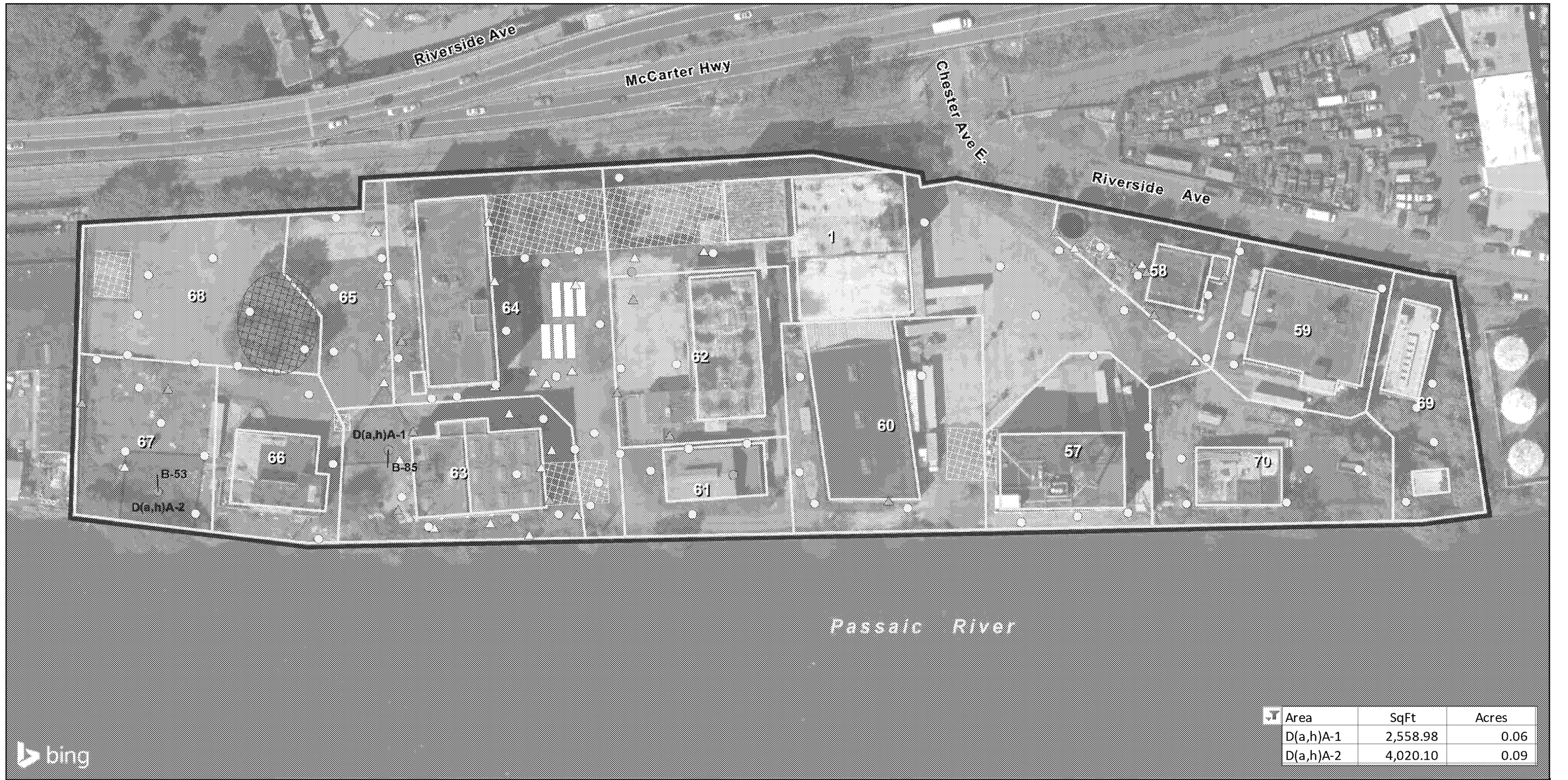


Figure A-6
Site-Wide Sampling Results for
Soil Alternatives: Benzo(b)fluoranthene
Riverside Industrial Park Superfund Site
Essex County, New Jersey



Louis Berger





Area	SqFt	Acres
D(a,h)A-1	2,558.98	0.06
D(a,h)A-2	4,020.10	0.09

- Structure

 - Existing
 - Demolished/Partially Demolished
 - UST
 - Former Soil Mound
- Study Area

 - Parcel (Newark, Oct 2017)
 - Footprint of Remedial Action
- RI Soil Boring
 - Historical Sample
 - Non-Detect
 - Detection Below ARAR/PRG
 - Detection Exceeds ARAR/PRG

Sources:
2020 "ArcGIS Map Service, Bing Aerial Photography"
2020 "PPG/Woodard & Curran Riverside Industrial Park RI Report"
2017 "City of Newark Parcel GIS",
<http://data.ci.newark.nj.us>

Notes:
1. Field Duplicate and Parent Sample Concentrations were averaged.
2. Following the soil mound removal on lot 68, surface samples at locations B-59 and B-60 were not included in this evaluation.

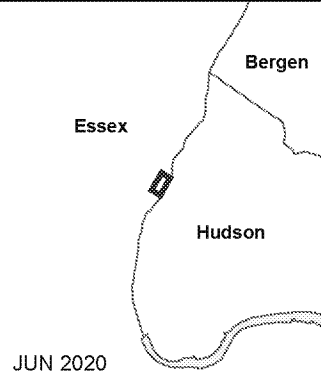





Figure A-7
Site-Wide Sample Results for
Soil Alternatives: Dibenzo(a,h)anthracene
Riverside Industrial Park Superfund Site
Essex County, New Jersey

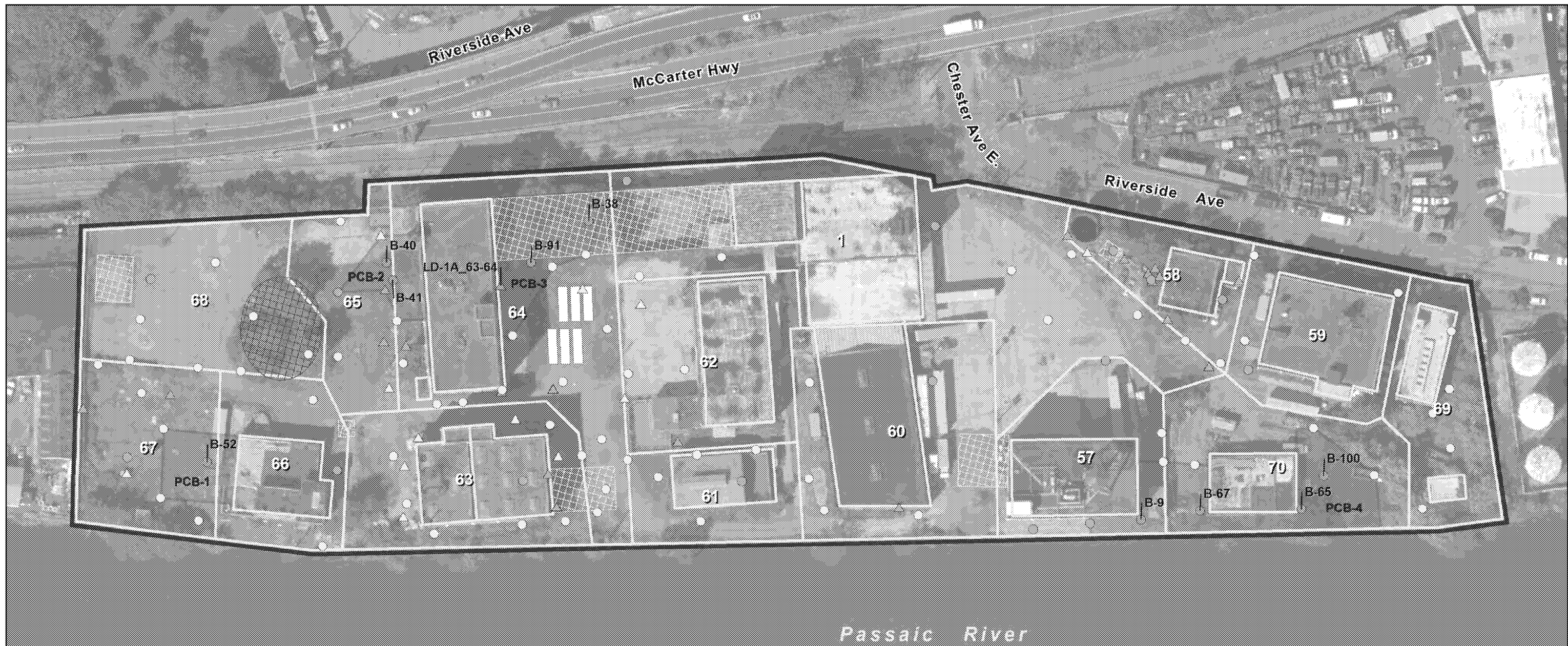


Louis Berger



0100200

Feet



Area	SqFt	Acres
PCB-1	3,661.67	0.08
PCB-2	3,311.66	0.08
PCB-3	7,001.54	0.16
PCB-4	10,318.49	0.24

- Structure

Existing

Demolished/Partially Demolished

UST

Former Soil Mound
- Study Area
- Parcel (Newark, Oct 2017)
- Footprint of Remedial Action

 RI Soil Boring Historical Sample Result Not Detected Detection Below ARAR/PRG Detection Exceeds ARAR/PRG

Sources:
2020 "ArcGIS Map Service, Bing Aerial Photography"
2020 "PPG/Woodard & Curran Riverside Industrial Park RI Report"
2017 "City of Newark Parcel GIS", <http://data.ci.newark.nj.us>

Notes:
1. Field Duplicate and Parent Sample Concentrations were averaged.
2. Following the soil mound removal on lot 68, surface samples at locations B-59 and B-60 were not included in this evaluation.
3. Total PCBs calculation is consistent with the BHHRA.

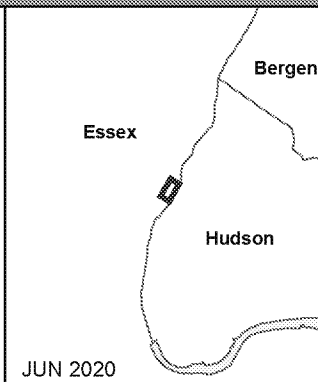
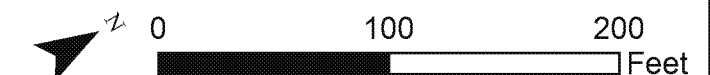


Figure A-8
Site-Wide Sampling Results for
Soil Alternatives: PCBs (Total)
Riverside Industrial Park Superfund Site
Essex County, New Jersey



Louis Berger





- Structure

 - Existing
 - Demolished/Partially Demolished
 - UST
 - Former Soil Mound
- Study Area

 - Parcel (Newark, Oct 2017)
 - Footprint of Remedial Action
- RI Soil Boring
 - Historical Sample
 - Non-Detect
 - Detection Below ARAR/PRG
 - Detection Exceeds ARAR/PRG

Sources:
2020 "ArcGIS Map Service, Bing Aerial Photography"
2020 "PPG/Woodard & Curran Riverside Industrial Park RI Report"
2017 "City of Newark Parcel GIS",
<http://data.ci.newark.nj.us>

Notes:
1. Field Duplicate and Parent Sample Concentrations were averaged.
2. Following the soil mound removal on lot 68, surface samples at locations B-59 and B-60 were not included in this evaluation.

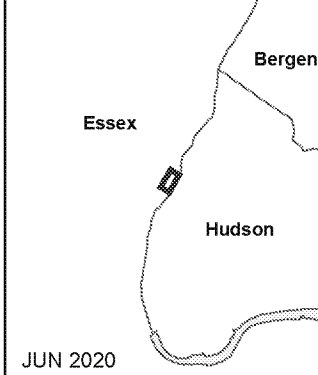


Figure A-9
Site-Wide Soil Sampling Results for
Soil Alternatives: Benzene
Riverside Industrial Park Superfund Site
Essex County, New Jersey

0 100 200 Feet



bing

- Structure

 - Existing
 - Demolished/Partially Demolished
 - UST
 - Former Soil Mound
- Study Area

 - Parcel (Newark, Oct 2017)
 - Footprint of Remedial
- RI Soil Boring
 - Historical Sample
 - Non-Detect
 - Detection Below ARAR/PRG
 - Detection Exceeds ARAR/PRG

2020 "ArcGIS Map Service, Bing Aerial Photography"
2020 "PPG/Woodard & Curran Riverside Industrial Park RI Report"
2017 "City of Newark Parcel GIS",
<http://data.ci.newark.nj.us>

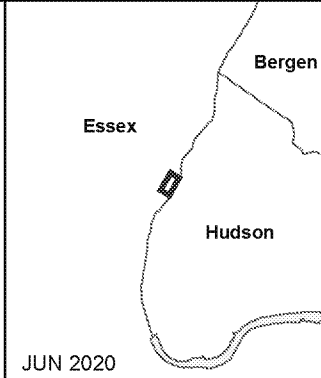
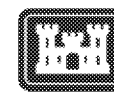
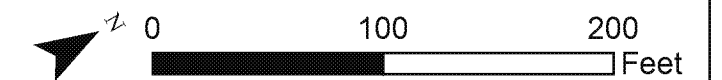
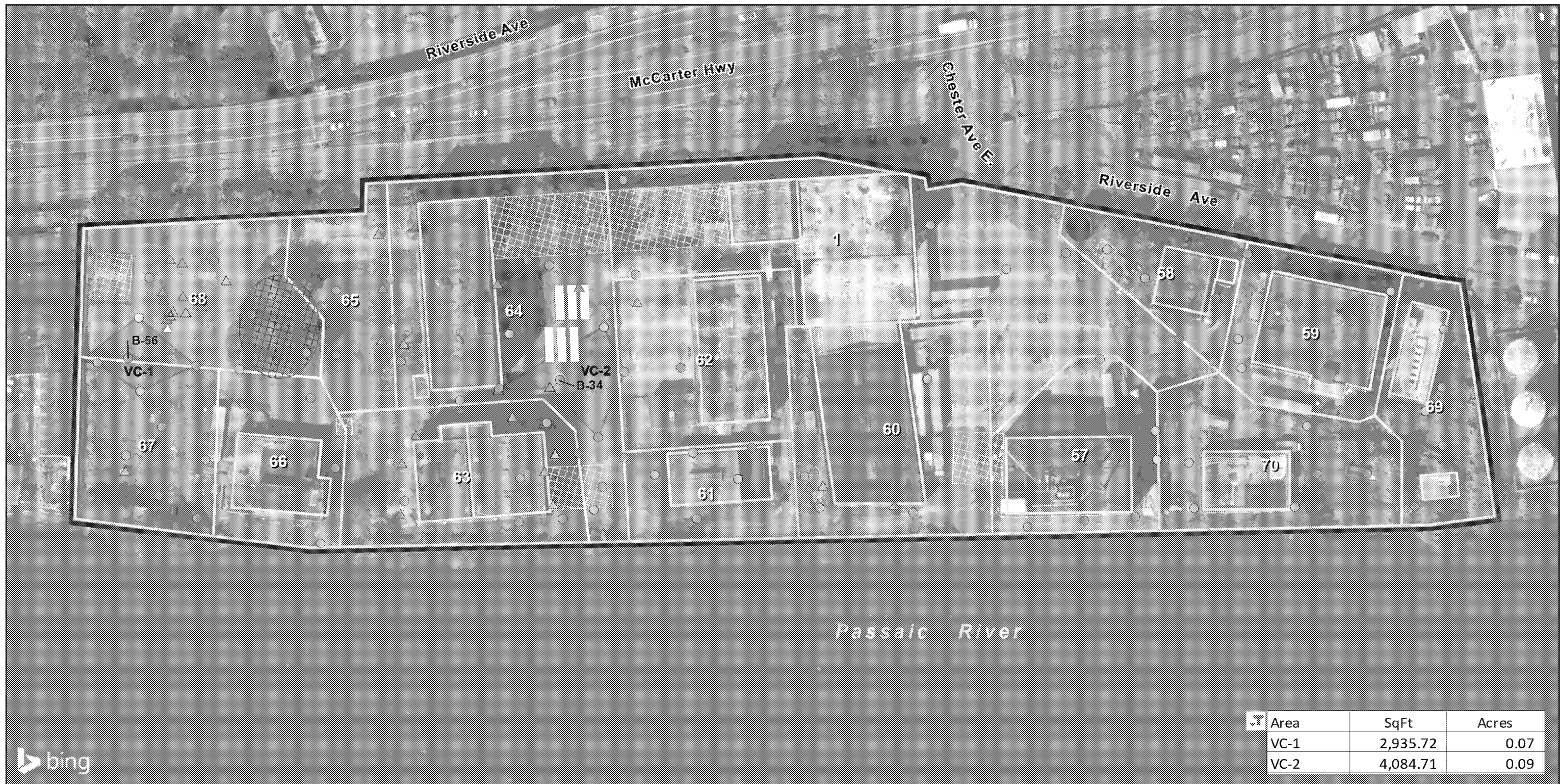


Figure A-10
Site-Wide Sampling Results for
Soil Alternatives: Naphthalene
Riverside Industrial Park Superfund Site
Essex County, New Jersey



Louis Berger





bing

- Structure

 - Existing
 - Demolished/Partially Demolished
 - UST
 - Former Soil Mound
- Study Area

 - Parcel (Newark, Oct 2017)
 - Footprint of Remedial Action
- Historical Sample
 - RI Soil Boring
 - Detection Exceeds ARAR/PRG
 - Detection Below ARAR/PRG
 - Non-Detect
 - * RI ARAR Exceedance (nondetect reported at quantitation limit)

Sources:
2020 "ArcGIS Map Service, Bing Aerial Photography"
2020 "PPG/Woodard & Curran Riverside Industrial Park RI Report"
2017 "City of Newark Parcel GIS",
<http://data.ci.newark.nj.us>

Notes:
1. Field Duplicate and Parent Sample Concentrations were averaged.
2. Following the soil mound removal on lot 68, surface samples at locations B-59 and B-60 were not included in this evaluation.

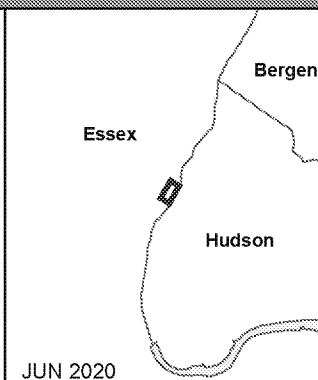
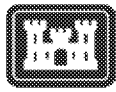



Figure A-11
Site-Wide Sampling Results for
Soil Alternatives: Vinyl Chloride
Riverside Industrial Park Superfund Site
Essex County, New Jersey



Louis Berger

0 100 200 Feet

